

Listing of the Claims

This listing of claims will replace all prior versions, and listings of claims in the application.

1. (Previously presented) An assay for detecting or quantifying A β peptide which may be present in a candidate solution, comprising:

(a) contacting the candidate solution with a solid support with a heavy metal cation immobilized thereon to capture A β peptide on the surface of the solid support, thereby forming a first complex which comprises solid support/heavy metal cation/A β peptide;

(b) blocking all exposed metal binding sites remaining after A β capture with a blocker;

(c) contacting the first complex, which has been passed through step (b), with a polyclonal antibody specific for A β peptide to form a second complex which comprises solid support/heavy metal cation/A β peptide/polyclonal antibody specific for A β peptide;

(d) labelling the second complex to form a detectable third complex which comprises solid support/heavy metal cation/A β peptide/polyclonal antibody specific for A β peptide/label; and

(e) detecting the third complex, and quantifying A β peptide which may be present in the candidate solution.

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Yao.